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## MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2017

SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY & HISTOLOGY, APPLIED PHYSIOLOGY & BIOCHEMISTRY, APPLIED PATHOLOGY, MICROBIOLOGY, ORAL PATHOLOGY, PHYSICAL & SOCIAL ANTHROPOLOGY, APPLIED PHARMACOLOGY AND RESEARCH METHODOLOGY & BIostatISTICS

Monday, June 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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✍ Answer ALL the questions.

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

✍ Long Essays:

1. What are paranasal sinuses? Explain the maxillary sinus in detail.

(20 marks)

2. Describe the development of tooth. Add a note on the mechanism of tooth eruption.

(20 marks)

3. Write short notes on:

3A. Saliva and oral health

3B. External Carotid Artery

3C. Cell injury

3D. Mechanism of pain

3E. Analysis of Variance (ANOVA)

(7 marks × 5 = 35 marks)



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# MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2017

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, June 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

✍ Long Essays:

1. Discuss the health care systems around the world.

(20 marks)

2. Explain the natural history of disease. Add a note on primordial prevention.

(20 marks)

3. Write short notes on:

3A. Helsinki declaration

3B. Principles of primary health care

3C. Incineration

3D. Social stratification and oral health

3E. Risk factors

(7 marks × 5 = 35 marks)



Reg. No.

**MANIPAL UNIVERSITY**

**MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2017**

**SUBJECT: PAPER III: DENTAL PUBLIC HEALTH**

Wednesday, June 07, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long Essays:**

1. Discuss the role of fluorides in the oral health of the Indian population.

(20 marks)

2. Discuss dental manpower situation in India.

(20 marks)

3. **Write short notes on:**

3A. WHO World Health Day theme

3B. Pit and fissure sealants

3C. Role of voluntary agencies in dental public health

3D. WHO basic oral health surveys

3E. Comprehensive oral health care

(7 marks × 5 = 35 marks)



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**MANIPAL UNIVERSITY****MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2017****SUBJECT: PAPER IV: ESSAY**

Thursday, June 08, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ **Answer only ONE question.**
- ✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long Essay:**

1. Recent advances in preventive dentistry

**OR**

2. Social status & oral health

(75 marks)

